Introduction to Appendices
for
Candidate Vehicle Technologies for Alternative Transportation Systems

This document contains three appendices to the *Candidate Vehicle Technologies for Alternative Transportation Systems (ATS) in National Parks and Related Federally-managed Lands*. That report identifies and describes over 30 mass transit vehicle technologies in five modal categories – bus, rail/guided, high gradient, water, and snow – with potential applicability in National Parks and related federally-managed lands. These appendices cover the following topics.

- Appendix A - Alternative Fuels and Propulsion – Provides a description of the types of fuel and propulsion systems that are alternatives to conventional gasoline and diesel engines for transportation. Includes ideas on the pros and cons of each fuel/system type as well as the potential applicability to the range of vehicles.

- Appendix B – Intelligent Transportation Systems (ITS) – This appendix provides an overview of how advanced information processing, information transport and communications, and information display technology can improve transit system operations and transit customer convenience via real-time system tracking and management.

- Appendix C – Vehicle Manufacturers – Provides a list of manufacturers by vehicle technology category along with web sites where available.

The first two appendices provide an added dimension of information with relevance to the basic vehicle technology data presented in the Candidate Vehicle Technologies report as these two topics have a high degree of applicability in the National Parks and related public lands. The third appendix provides a helpful starting point for further research into the vehicles of particular manufacturers.